

FORM PTO-1449	Atty. Docket No.: C382.12-0147	Appl. No.: 10/601,608
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	First Named Inventor:	
	Kevin I. Bertness	
	Filing Date	Group Art:
	June 23, 2003	2838

## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
<i>km</i>	AA	2002/0010558	1/2002	Bertness et al.	702	63
	AB	2002/0176010	11/2002	Wallach et al.	348	229.1
	AC	2003/0184306	10/2003	Bertness et al.	324	426
	AD	2003/0025481	2/2003	Bertness	320	155
	AE	2004/0000891	1/2004	Raichle et al.	320	107
	AF	2,000,665	5/1935	Neal		
	AG	3,750,011	7/1973	Kreps	324	29.5
	AH	3,652,341	3/1972	Halsall et al.	136	176
	AI	3,796,124	3/1974	Crosa	85	36
	AJ	4,023,882	5/1977	Pettersson	339	96
	AK	4,056,764	11/1977	Endo et al.	320	3
	AL	4,160,916	7/1979	Papsideris	307	10
	AM	4,280,457	7/1981	Bloxham	123	198
	AN	4,620,767	11/1986	Woolf	339	255
	AO	4,933,845	6/1990	Hayes	364	200
	AQ	4,934,957	6/1990	Bellusci	439	504
✓	AQ	5,108,320	4/1992	Kimber	439	883
<i>km</i>	AR	5,159,272	10/1992	Rao et al.	324	429

## FOREIGN PATENT DOCUMENTS

Document No.	Date	Country	Class	Sub Class	Translation Yes No
AS					

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AT	
EXAMINER: <i>K. Nguyen</i>	DATE CONSIDERED: <i>12/15/09</i>

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Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
<i>Km</i>	BA	5,313,152	5/1994	Wozniak et al.	320	6
	BB	5,323,337	6/1994	Wilson eta l.	364	574
	BC	5,325,041	6/1994	Briggs	320	44
	BD	5,412,308	5/1995	Brown	323	267
	BE	5,453,027	9/1995	Buell et al.	439	433
	BF	5,745,044	4/1998	Hyatt, Jr. et al.	340	825.31
	BG	5,747,967	5/1998	Muljadi et al.	320	39
	BH	5,772,468	6/1998	Kowalski et al.	439	506
	BI	5,780,980	7/1998	Naito	318	139
	BJ	5,850,113	12/1998	Weimer et al.	307	125
	BK	5,865,638	2/1999	Trafton	439	288
	BL	5,978,805	11/1999	Carson	707	10
	BM	5,982,138	11/1999	Krieger	320	105
	BN	6,005,759	12/1999	Hart et al.	361	66
	BO	6,031,368	2/2000	Klippel et al.	324	133
	BP	6,046,514	4/2000	Rouillard et al.	307	77
✓	BQ	6,064,372	5/2000	Kahkoska	345	173
<i>Km</i>	BR	6,081,109	6/2000	Seymour et al.	324	127

## FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
	BS					

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

BT	
EXAMINER: <i>K. NGUYEN</i>	DATE CONSIDERED: <i>12/15/04</i>

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## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
<i>Kn</i>	CA	6,158,000	12/2000	Collins	713	1
	CB	6,211,651	4/2001	Nemoto	320	133
	CC	6,222,342	4/2001	Eggert et al.	320	105
	CD	6,238,253	5/2001	Qualls	439	759
	CE	6,242,887	6/2001	Burke	320	104
	CF	6,259,170	7/2001	Limoge et al.	307	10.8
	CG	6,356,042	3/2002	Kahlon et al.	318	138
	CH	6,526,361	2/2003	Jones et al.	702	63
	CI	6,531,848	3/2003	Chitsazan et al.	320	153
	CJ	6,600,815	7/2003	Walding	379	93.04
	CK	6,618,644	9/2003	Bean	700	231
	CL	6,628,011	9/2003	Droppo et al.	307	43
<i>✓</i>	CM	6,667,624	12/2003	Raichle et al.	324	522
<i>Kn</i>	CN	6,679,212	1/2004	Kelling	123	179.28

## FOREIGN PATENT DOCUMENTS

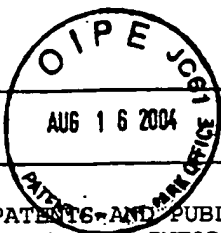
		Document No.	Date	Country	Class	Sub Class	Translation Yes No
<i>Kn</i>	CO	JP 11103503 A	4/1999	Japan			X (Abstract)
<i>Kn</i>	CP	WO 01/59443	2/9/01	WIPO			X
<i>Kn</i>	CQ	GB 2 246 916 A	10/8/90	Great Britian			

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>Kn</i>	CR	"Notification of Transmittal of The International Search Report or the Declaration", PCT/US03/07837.
	CS	

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Sheet 1 of 2

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Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
<i>Km</i>	AA 2002/0050163	5/2/02	Makhija et al.	73	116	
	AB 2003/0184262	10/2/03	Makhija	320	130	
	AC 2004/0000590	1/1/04	Raichle et al.	235	462.01	
	AD 2004/0000891	1/1/04	Raichle et al.	320	107	
	AE 2004/0000893	1/1/04	Raichle et al.	320	135	
	AF 2004/0000913	1/1/04	Raichle et al.	324	426	
	AG 2004/0000915	1/1/04	Raichle et al.	324	522	
	AH 2004/0002824	1/1/04	Raichle et al.	702	63	
	AI 2004/0002825	1/1/04	Raichle et al.	702	63	
	AJ 2004/0002836	1/1/04	Raichle et al.	702	188	
	AK 2004/0049361	3/11/04	Hamdan et al.	702	115	
	AL 2004/0051533	3/18/04	Namaky	324	426	
	AM 2004/0054503	3/18/04	Namaky	702	183	
	AN 4,926,330	5/15/90	Abe et al.	364	424.03	
	AO 4,949,046	8/14/90	Seyfang	324	427	
	AP 5,321,627	6/14/94	Reher	364	483	
	AQ 5,872,453	2/16/99	Shimoyama et al.	324	431	
	AR 6,037,778	3/14/00	Makhija	324	433	
	AS 6,061,638	5/9/00	Joyce	702	63	
	AT 6,275,008	8/14/01	Arai et al.	320	132	
	AU 6,359,442	3/19/02	Henningson et al.	324	426	
<i>V</i>	AV 6,384,608	5/7/02	Namaky	324	430	
<i>Km</i>	AW 6,388,448	5/14/02	Cervas	324	426	

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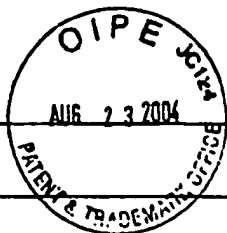
Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
<i>Ku</i>	BA	6,396,278	5/28/02	Makhija	324	402
<i>Ku</i>	BB	6,570,385	5/27/03	Roberts et al.	324	378
<i>Ku</i>	BC	6,629,054	9/30/03	Makhija et al.	702	113
<i>Ku</i>	BD	D442,503	5/22/01	Lundbeck et al.	D10	77

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>Ku</i>	BE	Notification of Transmittal of the International Search Report along with the Search Report for International Application No. PCT/US03/27696, filed September 4, 2003, date of mailing April 15, 2004
<i>Ku</i>	BF	Operator's Manual for "Modular Computer Analyzer," SUN, Model MCA 3000, Table of Contents and pages 1-1 to 1-2; 2-1 to 2-19; 3-1 to 3-47; 4-1 to 4-27; 5-1 to 5-18; 6-1 to 6-16; 7-1 to 7-9; 8-1 to 8-5; 9-1 to 9-13; 10-1 to 10-10; 11-1 to 11-22; 12-1 to 12-33; 13-1 to 13-2; 14-1 to 14-13 (1991)
<i>Ku</i>	BG	ALLEN TEST, Testproducts Division, "Programmed Training Course for 62-000 Series Smart Engine Analyzer," 2 page cover, Table of Contents, pages 1-207 (1984)

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Sheet 1 of 1

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Km	AA 2002/0030495	3/2002	Kechmire	324	427	
	AB 4,352,067	9/1982	Ottone	324	434	
	AC 4,360,780	11/1982	Skutch, Jr.	324	437	
	AD 4,723,656	2/1988	Kiernan et al.	206	705	
	AE 4,874,679	10/1989	Miyagawa	429	91	
✓	AF 5,432,025	7/1995	Cox	429	65	
Km	AG 5,707,015	1/1998	Guthrie	241	120	
	AH					
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## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
<i>ku</i>	AA RE37,677	04-2002	Irie	315	83	
	AB 6,091,238	07-2000	McDermott	324	207.2	
	AC 5,780,974	07-1998	Pabla et al.	315	82	
	AD 5,912,534	06-1999	Benedict	315	82	
	AE 5,614,788	03-1997	Mullins et al.	315	82	
<i>ku</i>	AF 5,661,368	08-1997	Deol et al.	315	82	
<i>ku</i>	AG 5,081,565	01-1992	Nabha et al.	362	465	
	AH					
	AI					
	AJ					
	AK					

## FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
<i>ku</i>	AL WO 97/44652	11/27/97	WIPO			
	AM					
	AN					

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>ku</i>	AO	"Notification of Transmittal of The International Search Report or the Declaration", PCT/US02/29461.
	AP	
	AQ	
EXAMINER: <i>ku NGUYEN</i>		DATE CONSIDERED: 12/15/04

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LIST OF PATENTS AND PUBLICATIONS APPLICANT'S INFORMATION DISCLOSURE STATEMENT RECEIVED NOV 25 2003 TECHNOLOGY CENTER		Applicant: Harvey A. Restaino Filing Date June 23, 2003 Group Art: 2838

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
Km	AA	2,514,745	7/11/50	Dalzell	171	95
	AB	3,593,099	7/13/71	Scholl	320	13
	AC	3,607,673	9/21/71	Seyl	204	1
	AD	3,676,770	7/11/72	Sharaf et al.	324	29.5
	AE	3,729,989	5/1/73	Little	73	133
	AF	3,753,094	8/14/73	Furuishi et al.	324	29.5
	AG	3,808,522	4/30/74	Sharaf	324	29.5
	AH	3,811,089	5/14/74	Strezelewicz	324	170
	AI	3,873,911	3/25/75	Champlin	324	29.5
	AJ	3,886,443	5/27/75	Miyakawa et al.	324	29.5
✓	AK	3,889,248	6/10/75	Ritter	340	249
Km	AL	3,906,329	9/16/75	Bader	320	44

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes No
Km	AM	59-17892	1/30/84	Japan			Abstract Only
Km	AN	59-17893	1/30/84	Japan			Abstract Only
Km	AO	59-17894	1/30/84	Japan			Abstract Only

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AP	"Electrochemical Impedance Spectroscopy in Battery Development and Testing", <u>Batteries International</u> , April 1997, pgs. 59 and 62-63.
Km	AQ	"Battery Impedance", by E. Willihnganz et al., <u>Electrical Engineering</u> , September 1959, pgs. 922-925.
Km	AR	"Determining The End of Battery Life", by S. DeBardelaben, <u>IEEE</u> , 1986, pgs. 365-368.
Km	AS	"A Look at the Impedance of a Cell", by S. Debardelaben, <u>IEEE</u> , 1988, pgs. 394-397.

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LIST OF PATENTS AND PUBLICATIONS FOR NOV 25 2003		Applicant:	
APPLICANT'S INFORMATION		TECHNOLOGY CENTER 2600	
DISCLOSURE STATEMENT		Harvey A. Restaino	
		Filing Date	Group Art:
		June 23, 2003	2838

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
Km	AT	3,909,708	9/30/75	Champlin	324	29.5
	AU	3,936,744	2/3/76	Perlmutter	324	158
	AV	3,946,299	3/23/76	Christianson et al.	320	43
	AW	3,947,757	3/30/76	Grube et al.	324	28
	AX	3,969,667	7/13/76	McWilliams	324	29.5
	AY	3,979,664	9/7/76	Harris	324	17
	AZ	3,984,762	10/5/76	Dowgiallo, Jr.	324	29.5
	BA	3,984,768	10/5/76	Staples	324	62
	BB	4,008,619	2/22/77	Alcaide et al.	73	398
	BC	4,053,824	10/11/77	Dupuis et al.	324	29.5
✓	BD	4,070,624	1/24/78	Taylor	327	158
Km	BE	4,086,531	4/25/78	Bernier	324	158

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes No
Km	BF	60225078	11/9/85	Japan			Abstract Only
Km	BG	04372536	12/25/92	Japan			Abstract Only
Km	BH	04131779	5/6/92	Japan			Abstract Only

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Km	BI	"The Impedance of Electrical Storage Cells", by N.A. Hampson et al., <u>Journal of Applied Electrochemistry</u> , 1980, pgs. 3-11.
Km	BJ	"A Package for Impedance/Admittance Data Analysis", by B. Boukamp, <u>Solid State Ionics</u> , 1986, pgs. 136-140.
Km	BK	"Precision of Impedance Spectroscopy Estimates of Bulk, Reaction Rate, and Diffusion Parameters", by J. Macdonald et al., <u>J. Electroanal. Chem.</u> , 1991, pgs. 1-11.

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U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
Km	BL	4,112,351	9/5/78	Back et al.	324	16
	BM	4,114,083	9/12/78	Benham et al.	320	39
	BN	4,126,874	11/21/78	Suzuki et al.	354	60
	BO	4,178,546	12/11/79	Hulls et al.	324	158
	BP	4,193,025	3/11/80	Frailing et al.	324	427
	BQ	4,207,611	6/10/80	Gordon	364	580
	BR	4,315,204	2/9/82	Sievers et al.	322	28
	BS	4,316,185	2/16/82	Watrous et al.	340	636
	BT	4,322,685	3/30/82	Frailing et al.	324	429
	BU	4,363,407	12/14/82	Barkler et al.	209	3.3
	BV	4,369,407	1/18/83	Korbell	324	416
Km	BW	4,412,169	10/25/83	Dell'Orto	320	64

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes No
Km	BX	03282276	12/12/91	Japan			Abstract Only
Km	BY	03274479	12/5/91	Japan			Abstract Only
Km	BZ	5216550	8/27/93	Japan			Abstract Only
Km	CA	59017894	1/30/84	Japan			Abstract Only

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Km	CB	"Internal Resistance: Harbinger of Capacity Loss in Starved Electrolyte Sealed Lead Acid Batteries, by Vaccaro, F.J. et al., AT&T Bell Laboratories, 1987 IEEE, Ch. 2477, pp. 128,131.
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TECHNOLOGY CENTER 2500

Applicant:

Harvey A. Restaino

Filing Date

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## U.S. PATENT DOCUMENTS

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Km	CC	4,390,828	6/28/83	Converse et al.	320	32
	CD	4,392,101	7/5/83	Saar et al.	320	20
	CE	4,396,880	8/2/83	Windebank	320	21
	CF	4,408,157	10/4/83	Beaubien	324	62
	CG	4,423,378	12/27/83	Marino et al.	324	427
	CH	4,423,379	12/27/83	Jacobs et al.	324	429
	CI	4,424,491	1/3/84	Bobbett et al.	324	433
	CJ	4,459,548	7/10/84	Lentz et al.	324	158
	CK	4,514,694	4/30/85	Finger	324	429
	CL	4,520,353	5/28/85	McAuliffe	340	636
	CM	4,667,279	5/19/87	Maier	363	46
	CN	4,678,998	7/7/87	Muramatsu	324	427
✓	CO	4,679,000	7/7/87	Clark	324	428
Km	CP	4,697,134	9/29/87	Burkum et al.	320	48

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		Document No.	Date	Country	Class	Sub Class	Translation Yes No
Km	CQ	EP 0 772 056 A1	5/7/97	EPO			X
Km	CR	EP 0 637 754 A1	2/8/95	EPO			X
Km	CS	2 088 159 A	6/3/82	Great Britain			X

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Km	CT	IEEE Recommended Practice For Maintenance, Testings, and Replacement of Large Lead Storage Batteries for Generating Stations and Substations, The Institute of Electrical and Electronics Engineers, Inc., ANSI/IEEE Std. 450-1987, 3/9/1987, pp. 7-15.
Km	CU	"Field and Laboratory Studies to Assess the State of Health of Valve-Regulated Lead Acid Batteries: Part I Conductance/Capacity Correlation Studies", by D. Feder et al., IEEE, August 1992, pgs. 218-233.

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TECHNOLOGY CENTER 2800

Applicant:

Harvey A. Restaino

Filing Date

Group Art:

June 23, 2003

2838

## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
Kn	CV	4,707,795	11/17/87	Alber et al.	364	550
	CW	4,709,202	11/24/87	Koenck et al.	320	43
	CX	4,710,861	12/1/87	Kanner	363	46
	CY	4,719,428	1/12/88	Liebermann	324	436
	CZ	4,743,855	5/10/88	Randin et al.	324	430
	DA	4,816,768	3/28/89	Champlin	324	428
	DB	4,820,966	4/11/89	Fridman	320	32
	DC	4,825,170	4/25/89	Champlin	324	436
	DD	4,849,700	7/18/89	Morioka et al.	324	427
	DE	4,881,038	11/14/89	Champlin	324	426
	DF	4,912,416	3/27/90	Champlin	324	430
	DG	4,929,931	5/29/90	McCuen	340	636
	DH	4,931,738	6/5/90	MacIntyre et al.	324	435
	DI	4,947,124	8/7/90	Hauser	324	430
✓	DJ	4,956,597	9/11/90	Heavey et al.	320	14
Kn	DK	4,968,941	11/6/90	Rogers	324	428

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes No
Kn	DL	WO 93/22666	11/11/93	WIPO			X
Kn	DM	WO 98/58270	12/23/98	WIPO			X

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Kn	DN	"Battery Impedance", by E. Willihnganz et al., <u>Electrical Engineering</u> , September 1959, pgs. 922-925.
Kn	DO	"JIS Japanese Industrial Standard-Lead Acid Batteries for Automobiles", <u>Japanese Standards Association UDC</u> , 621.355.2:629.113.006, Nov. 1995.

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## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
Km	DP	5,004,979	4/2/91	Marino et al.	324	160
	DQ	5,032,825	7/16/91	Xuznicki	340	636
	DR	5,047,722	9/10/91	Wurst et al.	324	430
	DS	5,087,881	2/11/92	Peacock	324	378
	DT	5,126,675	6/30/92	Yang	324	435
	DU	5,140,269	8/18/92	Champlin	324	433
	DV	5,144,248	9/1/92	Alexandres et al.	324	428
	DW	5,170,124	12/8/92	Blair et al.	324	434
	DX	5,204,611	4/20/93	Nor et al.	320	21
	DY	5,214,370	5/25/93	Harm et al.	320	35
	DZ	5,214,385	5/25/93	Gabriel et al.	324	434
	EA	5,241,275	8/31/93	Fang	324	430
	EB	5,254,952	10/19/93	Salley et al.	324	429
	EC	5,281,919	1/25/94	Palanisamy	324	427
	ED	5,281,920	1/25/94	Wurst	324	430
	EE	5,295,078	3/15/94	Stich et al.	364	483
	EF	5,298,797	3/29/94	Redl	307	246
✓	EG	5,300,874	4/5/94	Shimamoto et al.	320	15
Km	EH	5,302,902	4/12/94	Groehl	324	434

## FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
✓	EI					

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✓	EJ					
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FORM PTO-1449	Atty. Docket No.: C382.12-0147	Serial No.: 10/601,608
<p style="text-align: center;">RECEIVED NOV 25 2003 TECHNOLOGY CENTER 2000</p>		Applicant:  Harvey A. Restaino
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		Filing Date: June 23, 2003 Group Art: 2838

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
<i>Kn</i>	EK	5,331,268	7/19/94	Patino et al.	320	20
	EL	5,336,993	8/9/94	Thomas et al.	324	158.1
	EM	5,352,968	10/4/94	Reni et al.	320	35
	EN	5,343,380	8/30/94	Champlin	363	46
	EO	5,365,160	11/15/94	Leppo et al.	320	22
	EP	5,365,453	11/15/94	Startup et al.	364	481
	EQ	5,381,096	1/10/95	Hirzel	324	427
	ER	5,426,371	6/20/95	Salley et al.	324	429
	ES	5,432,426	7/11/95	Yoshida	320	20
	ET	5,434,495	7/18/95	Toko	320	44
	EU	5,442,274	8/15/95	Tamai	320	23
	EV	5,457,377	10/10/95	Jonsson	320	5
	EW	5,449,996	9/12/95	Matsumoto et al.	320	20
	EX	5,449,997	9/12/95	Gilmore et al.	320	39
	EY	5,485,090	1/16/96	Stephens	324	433
	EZ	5,519,383	5/21/96	De La Rosa	340	636
	FA	5,528,148	6/18/96	Rogers	324	426
✓	FB	5,550,485	8/27/96	Falk	324	772
<i>kn</i>	FC	5,561,380	10/1/96	Sway-Tin et al.	324	509

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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LIST OF PATENTS AND PUBLICATIONS FOR - APPLICANT'S INFORMATION DISCLOSURE STATEMENT		Applicant: Harvey A. Restaino	
		Filing Date June 23, 2003	Group Art: 2838

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
<i>Km</i>	FF	5,562,501	10/8/96	Kinoshita et al.	439	852
	FG	5,572,136	11/5/96	Champlin	324	426
	FH	5,574,355	11/12/96	McShane et al.	320	39
	FI	5,585,728	12/17/96	Champlin	324	427
	FJ	5,592,093	1/7/97	Klingbiel	324	426
	FK	5,596,260	1/21/97	Moravec et al.	320	30
	FL	5,598,098	1/28/97	Champlin	324	430
	FM	5,602,462	2/11/97	Stich et al.	323	258
	FN	5,606,242	2/25/97	Hull et al.	320	48
	FO	5,621,298	4/15/97	Harvey	320	5
	FP	5,642,031	6/24/97	Brotto	320	21
	FQ	5,650,937	7/22/97	Bounaga	364	483
	FR	5,652,501	7/29/97	McClure et al.	320	17
	FS	5,675,234	10/7/97	Greene	320	15
	FT	5,677,077	10/14/97	Faulk	429	90
	FU	5,699,050	12/16/97	Kanazawa	340	636
	FV	5,701,089	12/23/97	Perkins	327	772
<i>V</i>	FW	5,717,336	2/10/98	Basell et al.	324	430
<i>Km</i>	FX	5,757,192	5/26/98	McShane et al.	324	427

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
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Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
Kn	GA	5,773,978	6/30/98	Becker	324	430
	GB	5,789,899	8/4/98	van Phuoc et al.	320	30
	GC	5,793,359	8/11/98	Ushikubo	345	169
	GD	5,821,756	10/13/98	McShane et al.	324	430
	GE	5,831,435	11/3/98	Troy	324	426
	GF	5,872,443	2/16/99	Williamson	320	21
	GG	5,914,605	6/22/99	Bertness	324	430
	GH	5,945,829	8/31/99	Bertness	324	430
	GI	3,356,936	12/5/67	Smith	324	29.5
	GJ	5,488,300	1/30/96	Jamieson	324	432
	GK	6,002,238	12/14/99	Champlin	320	134
	GL	6,037,777	3/14/00	Champlin	324	430
	GM	6,051,976	4/18/00	Bertness	324	426
	GN	6,081,098	6/27/00	Bertness et al.	320	134
	GO	6,091,245	7/18/00	Bertness	324	426
✓	GP	6,104,167	8/15/00	Bertness et al.	320	132
Kn	GQ	6,137,269	10/24/00	Champlin	320	150

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes No
Kn	GR	DE 29 26 716 B1	1/15/81	Germany			X
Kn	GS	0 022 450 A1	1/21/81	EPO			X

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Kn	GT	"Performance of Dry Cells", by C. Hambuechen, Preprint of <u>Am. Electrochem. Soc.</u> , April 18-20, 1912, paper No. 19, pgs. 1-5.
Kn	GU	"A Bridge for Measuring Storage Battery Resistance", by E. Willihncanz, <u>The Electrochemical Society</u> , preprint 79-20, April 1941, pgs. 253-258.

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Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
<i>Kn</i> GV	3,562,634	2/9/71	Latner	31	04	
<i>Kn</i> GW	4,379,990	4/12/83	Sievers et al.	322	99	
<i>Kn</i> GX	5,144,218	9/1/92	Bosscha	320	44	
<i>Kn</i> GY	5,315,287	5/24/94	Sol	340	455	
<i>Kn</i> GZ	5,469,043	11/21/95	Cherng et al.	320	31	
<i>Kn</i> HA	5,546,317	8/13/96	Andrieu	364	481	
<i>Kn</i> HB	5,583,416	12/10/96	Klang	320	22	
<i>Kn</i> HC	5,589,757	12/31/96	Klang	320	22	
<i>Kn</i> HD	5,656,920	8/12/97	Cherng et al.	320	31	
<i>Kn</i> HE	5,710,503	1/20/98	Sideris et al.	320	6	
<i>Kn</i> HF	5,760,587	6/2/98	Harvey	324	434	
<i>Kn</i> HG	5,808,469	9/15/98	Kopera	324	43.4	
<i>Kn</i> HH	6,008,652	12/28/99	Theofanopoulos et al.	324	434	
<i>Kn</i> HI	6,009,369	12/28/99	Boisvert et al.	701	99	
<i>Kn</i> HJ	6,031,354	2/29/00	Wiley et al.	320	116	
<i>Kn</i> HK	6,037,751	3/14/00	Klang	320	160	
<i>Kn</i> HL	6,072,299	6/6/00	Kurie et al.	320	112	
<i>Kn</i> HM	6,094,033	7/25/00	Ding et al.	320	132	
<i>Kn</i> HN	6,163,156	12/19/00	Bertness	324	426	
<i>Kn</i> HO	6,172,483	1/9/01	Champlin	320	134	
<i>Kn</i> HP	6,172,505	1/9/01	Bertness	324	430	

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes No
<i>Kn</i>	HQ	2 749 397	12/5/97	France			X
<i>Kn</i>	HR	59215674	12/5/84	Japan			Abstract Only

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>Kn</i>	HS	
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Km	HT	3,989,544	11/2/76	Santo	429	65
	HU	4,745,349	5/17/88	Palanisamy et al.	320	22
	HV	4,876,495	10/24/89	Palanisamy et al.	320	18
	HW	4,937,528	6/26/90	Palanisamy	324	430
	HX	4,968,942	11/6/90	Palanisamy	324	430
	HY	5,179,335	1/12/93	Nor	320	21
	HZ	5,266,880	11/30/93	Newland	320	14
	IA	5,451,881	9/19/95	Finger	324	433
	IB	5,705,929	1/6/98	Caravello et al.	324	430
	IC	5,717,937	2/10/98	Fritz	395	750.01
	ID	5,862,515	1/19/99	Kobayashi et al.	702	63
	IE	5,895,440	4/20/99	Proctor et al.	702	63
	IF	5,929,609	7/27/99	Joy et al.	322	25
	IG	6,072,300	6/6/00	Tsuji	320	116
	IH	4,659,977	4/21/87	Kissel et al.	320	64
	II	4,913,116	4/3/90	Katogi et al.	123	425
	IJ	5,160,881	11/3/92	Schramm et al.	322	7
	IK	5,338,515	8/16/94	Dalla Betta et al.	422	95
	IL	5,537,967	7/23/96	Tashiro et al.	123	792.1
	IM	5,548,273	8/20/96	Nicol et al.	340	439
Km	IN	5,747,909	5/5/98	Syverson et al.	310	156

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes No
Km	IO	62-180284	8/7/87	Japan			Abstract
Km	IP	7-128414	5/19/95	Japan			Abstract

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FORM PTO-1449

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km	IR	6,114,834	9/5/00	Parise	320	109
	IS	6,150,793	11/21/00	Lesesky et al.	320	104
	IT	3,876,931	4/8/75	Godshalk	324	29.5
	IU	5,347,163	9/13/94	Yoshimura	307	66
	IV	5,939,861	8/17/99	Joko et al.		
	IW	5,339,018	8/16/94	Brokaw	320	35
	IX	5,412,323	5/2/95	Kato et al.	324	429
	IY	5,426,416	6/20/95	Jefferies et al.	340	664
	IZ	5,825,174	10/20/98	Parker	324	106
	JA	5,939,855	8/17/99	Proctor et al.	320	104
	JB	5,254,952	10/19/93	Salley et al.	324	429
	JC	4,217,645	8/12/80	Barry et al.	364	483
	JD	4,633,418	12/30/86	Bishop	364	554
	JE	5,321,626	6/14/94	Palladino	364	483
	JF	5,969,625	10/19/99	Russo	340	636
	JG	6,222,369	4/24/01	Champlin	324	430
	JH	6,225,808	5/1/01	Varghese et al.	324	426
	JI	6,249,124	6/19/01	Bertness	324	426
	JJ	6,259,254	7/10/01	Klang	324	427
	JK	6,262,563	7/17/01	Champlin	320	134
	JL	6,294,896	9/25/01	Champlin	320	134
km	JM	6,294,897	9/25/01	Champlin	320	153

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes No
km	JN	4-8636	1/13/92	Japan			X (Abstract)
km	JO	63027776	2/5/88	Japan			Abstract Only

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Km	JP	4,379,989	4/12/83	Kurz et al.	320	26
	JQ	4,680,528	7/14/87	Mikami et al.	320	32
	JR	5,633,985	5/27/97	Severson et al.	395	2.76
	JS	5,739,667	4/14/98	Matsuda et al.	320	5
	JT	4,024,953	5/1977	Nailor, III	206	344
	JU	6,250,973	6/2001	Lowery et al.	439	763
	JV	6,254,438	7/2001	Gaunt	439	755
	JW	6,304,087	10/16/01	Bertness	324	426
	JX	6,310,481	10/30/01	Bertess	324	430
	JY	6,313,607	11/6/01	Champlin	320	132
	JZ	6,313,608	11/6/01	Varghese et al.	32	132
	KA	6,316,914	11/13/01	Bertness	320	134
	KB	5,435,185	7/25/95	Eagan	73	587
	KC	5,445,026	8/29/95	Eagan	73	591
	KD	4,667,143	5/19/87	Cooper et al.	320	22
	KE	4,847,547	7/11/89	Eng, Jr. et al.	320	35
	KF	5,574,355	11/12/96	McShane et al.	320	39
Km	KG	4,663,580	5/5/87	Wortman	320	35

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes No
Km	KH	WO 99/23738	5/14/99	WIPO			X
Km	KI	WO 94/05069	3/3/94	PCT			X

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Km	KJ	National Semiconductor Corporation, "High Q Notch Filter", 3/69, Linear Brief 5, March 1969.
Km	KK	Burr-Brown Corporation, "Design A 60 Hz Notch Filter with the UAF42", 1/94, AB-071, 1994.
Km	KL	National Semiconductor Corporation, "LMF90-4 <sup>th</sup> -Order Elliptic Notch Filter", 12/94, RRD-B30M115, December 1994.

EXAMINER:

R. NGUYEN

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Km	KM	6,323,650	11/27/01	Bertness et al.	324	426
	KN	6,329,793	12/11/01	Bertness et al.	320	132
	KO	6,331,762	12/18/01	Bertness	320	134
	KP	6,332,113	12/18/01	Bertness	702	63
	KQ	4,297,639	10/27/81	Branham	324	429
	KR	5,653,659	8/5/97	Kunibe et al.	477	111
	KS	6,161,640	12/19/00	Yamaguchi	180	65.8
	KT	4,351,405	6/28/82	Fields et al.	180	65
	KU	6,359,441	3/16/02	Bertness	324	426
	KV	4,047,091	9/1997	Hutchines et al.	363	59
	KW	5,653,659	8/1997	Kunibe et al.	477	111
	KX	5,637,978	6/1997	Kellett et al.	320	2
	KY	5,095,223	3/1992	Thomas	307	110
	KZ	5,194,799	3/1993	Tomantschger	320	2
Km	LA	5,754,417	5/1998	Nicollini	363	60
	LB					

## FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
LC						
LD						

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Km	LE	"Alligator Clips with Wire Penetrators" J.S. Popper, Inc. product information, downloaded from <a href="http://www.jspopper.com/">http://www.jspopper.com/</a> , undated
Km	LF	"#12: LM78S40 Simple Switcher DC to DC Converter", ITM e-Catalog, downloaded from <a href="http://www.pcbcafe.com/">http://www.pcbcafe.com/</a> , undated
Km	LG	"Simple DC-DC Converts Allows Use of Single Battery", Electronix Express, downloaded from <a href="http://www.elexp.com/t_dc-dc.htm">http://www.elexp.com/t_dc-dc.htm</a> , undated

EXAMINER:

K. NGUYEN

DATE CONSIDERED:

12/15/04

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LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION  
DISCLOSURE STATEMENT

Applicant:

Harvey A. Restaino

Filing Date

June 23, 2003

Group Art:

2838

## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
<i>Km</i>	LH	5,818,234	10/1998	McKinnon	324	433
	LI	6,140,797	10/2000	Dunn	320	105
	LJ	6,181,545	1/2001	Amatucci et al.	361	502
	LK	6,346,795	2/2002	Haraguchi et al.	320	136
	LM	6,347,958	2/2002	Tsai	439	488
	LN	6,351,102	2/26/02	Troy	320	139
	LO	6,359,441	3/19/02	Bertness	324	426
	LP	6,363,303	3/26/02	Bertness	701	29
	LQ	5,037,778	8/6/91	Stark et al.	437	216
	LR	6,144,185	11/7/00	Dougherty et al.	320	132
	LS	5,711,648	1/27/98	Hammerslag	414	786
	LT	5,927,938	7/27/99	Hammerslag	414	809
	LU	5,951,229	9/14/99	Hammerslag	414	398
	LV	5,961,561	10/5/99	Wakefield, II	701	29
	LW	5,961,604	10/5/99	Anderson et al.	709	229
	LX	6,236,332	5/22/01	Conkright et al.	340	825.06
	LY	6,351,102	2/26/02	Troy	320	139
<i>✓</i>	LZ	5,821,757	10/13/98	Alvarez et al.	324	434
<i>Km</i>	MA	6,167,349	12/26/00	Alvarez	702	63

## FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
MB						

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>Km</i>	MC	"DC-DC Converter Basics", Power Designers, downloaded from <a href="http://www.powderdesigners.com/InforWeb.design_center/articles/DC-DC/converter.shtm">http://www.powderdesigners.com/InforWeb.design_center/articles/DC-DC/converter.shtm</a> , undated
	MD	

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*R. N. GUYEN*

DATE CONSIDERED:

*12/15/04*

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FORM PTO-1449	Atty. Docket No.: C382.12-0147	Serial No.: 10/601,608
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Applicant:	
	Harvey A. Restaino	
	Filing Date	Group Art:
	June 23, 2003	2838

# U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
<i>Kn</i>	ME	4,665,370	5/1987	Holland	324	429
	MF	4,361,809	11/1982	Bil et al.	324	426
	MG	6,392,414	5/21/02	Bertness	324	429
	MH	6,417,669	7/9/02	Champlin	324	426
	MI	6,424,158	7/23/02	Klang	324	433
	MJ	6,441,585	8/17/02	Bertness	320	132
	MK	6,445,158	9/3/02	Bertness et al.	320	104
	ML	6,384,608	5/7/02	Namaky	324	425
	MM	6,388,448	5/14/02	Cervas	324	426
	MN	6,307,349	10/23/01	Koenck et al.	320	112
	MO	6,411,098	6/25/02	Laletin	324	436
	MP	6,456,045	9/24/02	Troy et al.	320	139
	MQ	6,466,025	10/15/02	Klang	324	429
	MR	6,466,026	10/15/02	Champlin	324	430
	MS	4,564,798	1/14/86	Young	320	6
	MT	5,563,496	10/8/96	McClure	320	48
<i>Kn</i>	MU	5,796,239	8/18/98	van Phuoc et al.	320	107

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		Document No.	Date	Country	Class	Sub Class	Translation Yes No
<i>Kn</i>	MV	RU 2089015-C1	8/27/97	Russia			Abstract Only
<i>Kn</i>	MW	09061505	3/7/97	Japan			Abstract Only
<i>Kn</i>	MX	10056744	2/24/98	Japan			Abstract Only

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>Kn</i>	MY	"Notification of Transmittal of The International Search Report or the Declaration", PCT/US02/29461.
<i>Kn</i>	MZ	"Notification of Transmittal of The International Search Report or the Declaration", PCT/US03/07546.

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	June 23, 2003	2838

## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
Km	NA	4,888,716	12/19/89	Ueno	364	550
	NB	6,495,990 B2	12/17/02	Champlin	320	132
	NC	4,385,269	5/24/83	Aspinwall et al.	320	14
	ND	4,686,442	8/11/87	Radomski	320	17
	NE	6,061,638	5/9/00	Joyce	702	63
	NF	6,359,442	3/19/02	Henningson et al.	324	426
	NG	5,541,489	7/30/96	Dunstan	320	2
	NH	6,424,157	7/23/02	Gollomp et al.	324	430
	NI	6,534,993	3/18/03	Bertness	324	433
	NJ	6,544,078	4/8/03	Palmisano et al.	439	762
	NK	6,556,019	4/29/03	Bertness	324	426
	NL	6,566,883	5/20/03	Vonderhaar et al.	324	426
	NM	6,586,941	7/1/03	Bertness et al.	324	426
	NN	6,597,150	7/22/03	Bertness et al.	320	104
✓	NO	2002/0171428	11/21/02	Bertness	324	426
Km	NP	6,263,268	7/17/01	Nathanson	701	29

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## FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
Km	NQ	WO 00/67359	11/9/00	WIPO		X
	NR	WO 01/51947	7/19/01	WIPO		X
	NS	WO 00/67359	11/9/00	WIPO		X
	NT	WO 98/04910	2/5/98	WIPO		X
✓	NU	WO 00/62049	10/19/00	WIPO		X
Km	NV	WO 00/67359	11/9/00	WIPO		X

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Km	NW	"Notification of Transmittal of The International Search Report or the Declaration", PCT/US03/06577.
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U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
NX						
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OM						

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
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OP						
OQ						
OR						
OS						

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

km	OT	"Notification of Transmittal of The International Search Report or the Declaration", PCT/US03/29461.
EXAMINER:	R. NGUYEN	DATE CONSIDERED: 12/15/04

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